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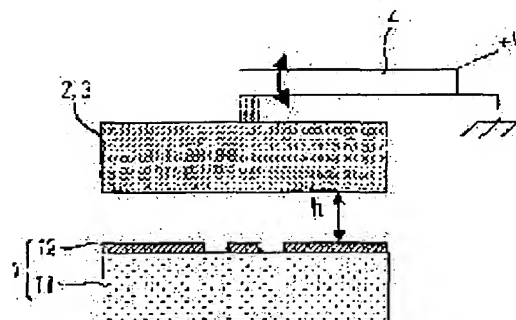
(72)Inventor : MOTOTSU SHIGEKI
NISHIKAWA HIROAKI
FUJIMAKI AKIRA
KAWAI TOMOJI
SAKATANI TOMOTAKA

(54) ELECTROMAGNETIC WAVE ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a novel electromagnetic wave element for realizing a much higher resonance frequency and variable phase speed.

SOLUTION: This element has a resonance element (1) constituted of a superconductor (12) on a substrate (11) and a dielectric (2) or/and magnetic substance (3) facing the superconductor (12) of this resonance element (1). A resonance frequency or/and a phase speed are varied with a change in an interval between the superconductor (12) and the dielectric (2) or/and magnetic substance (3).



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